

=> d his nofile

(FILE 'HOME' ENTERED AT 16:03:41 ON 14 FEB 2006)

FILE 'LREGISTRY' ENTERED AT 16:04:49 ON 14 FEB 2006

L1 0 SEA ABB=ON YDWRFNAF.Y|YDFRWNAF.Y|YDHFRWAF.Y/SQSFP

FILE 'REGISTRY' ENTERED AT 16:05:39 ON 14 FEB 2006

L2 21 SEA ABB=ON YDWRFNAF.Y|YDFRWNAF.Y|YDHFRWAF.Y/SQSFP  
SAVE TEMP L2 GUD394SEQ/A

FILE 'CAPLUS' ENTERED AT 16:06:22 ON 14 FEB 2006

L3 13 SEA ABB=ON L2

FILE 'REGISTRY' ENTERED AT 16:06:26 ON 14 FEB 2006

FILE 'REGISTRY' ENTERED AT 16:06:40 ON 14 FEB 2006

D QUE L2

D RN CN SQL KWIC NTE LC 1-21 L2

FILE 'CAPLUS, CASREACT, USPATFULL, TOXCENTER' ENTERED AT 16:07:35 ON 14 FEB 2006

L4 22 SEA ABB=ON L2

L5 15 DUP REM L4 (7 DUPLICATES REMOVED)

ANSWERS '1-13' FROM FILE CAPLUS

ANSWERS '14-15' FROM FILE USPATFULL

D IBIB ED ABS HITRN 1-15

FILE 'HOME' ENTERED AT 16:08:01 ON 14 FEB 2006

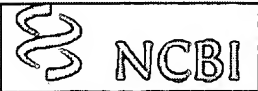

=>

## Sequence Family Search of Proteins (/sqsf)

In the sequence family search, each amino acid in the query has to match either the exact amino acid or a family member equivalent, as shown in the Family Equivalence Table below. The Family Equivalence Table is applied only to each common amino acid in the sequence. Specific uncommon amino acids may be included in the sequence; however, family equivalents only exist for the common amino acids. An amino acid family is based on a conservative substitution of amino acids sharing a similar chemical property. Each common amino acid in the query is converted to its family class members in a search. A match occurs on a query sequence if each amino acid is exactly matched or any of its family members are encountered. For example, the Hydrophobic-Aromatic family consists of the common amino acids F, W, and Y. If the amino acid F is specified within a sequence exact family search, it will match on amino acids F, W, or Y.

### FAMILY EQUIVALENCE TABLE

Family Class Name	Family Class Members
Neutral-Weakly Hydrophobic	Ala (A), Gly (G), Pro (P), Ser (S), Thr (T)
Hydrophilic-Acid Amine	Asn (N), Asp (D), Gln (Q), Glu (E)
Hydrophilic-Basic	Arg (R), His (H), Lys (K)
Hydrophobic	Ile (I), Met (M), Leu (L), Val (V)
Hydrophobic-Aromatic	Phe (F), Trp (W), Tyr (Y)
Crosslinking	Cys (C)



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Range: from  to  Features: ☐ SNP ☒ CDD ☒ MGC ☒ HPRD ☒ STS ☒ tRNA

☐ 1: AAU94398. Reports At1g06100 [Arabid...[gi:53828577]

BLink, Conserved  
Domains, Links

## Features Sequence

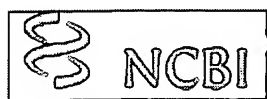

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ORGANISM [Arabidopsis thaliana](#)  
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REFERENCE 1 (residues 1 to 299)  
AUTHORS Kim,C.J., Chen,H., Cheuk,R., Shinn,P. and Ecker,J.R.  
TITLE Arabidopsis ORF clones  
JOURNAL Unpublished  
REFERENCE 2 (residues 1 to 299)  
AUTHORS Kim,C.J., Chen,H., Cheuk,R., Shinn,P. and Ecker,J.R.  
TITLE Direct Submission  
JOURNAL Submitted (06-OCT-2004) Salk Institute Genomic Analysis Laboratory  
(SIGnAL), Plant Biology Laboratory, The Salk Institute for  
Biological Studies, 10010 N. Torrey Pines Road, La Jolla, CA 92037,  
USA  
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 Features:
 ☐ SNP
 ☒ CDD
 ☒ MGC
 ☒ HPRD
 ☒ STS
 ☒ tRNA

☐ 1: [AAT47784](#). Reports At1g06100 [Arabid...[gi:48958463]

[BLink](#),
 [Conserved Domains](#),
 [Links](#)

Features   Sequence

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 VERSION       AAT47784.1    GI:48958463  
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       ORGANISM   [Arabidopsis thaliana](#)  
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                   Spermatophyta; Magnoliophyta; eudicotyledons; core eudicotyledons;  
                   rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
 REFERENCE     1 (residues 1 to 299)  
       AUTHORS   Cheuk,R., Chen,H., Kim,C.J., Shinn,P. and Ecker,J.R.  
       TITLE       Arabidopsis ORF clones  
       JOURNAL      Unpublished  
 REFERENCE     2 (residues 1 to 299)  
       AUTHORS   Cheuk,R., Chen,H., Kim,C.J., Shinn,P. and Ecker,J.R.  
       TITLE       Direct Submission  
       JOURNAL      Submitted (19-JUN-2004) Salk Institute Genomic Analysis Laboratory  
                   (SIGnAL), Plant Biology Laboratory, The Salk Institute for  
                   Biological Studies, 10010 N. Torrey Pines Road, La Jolla, CA 92037,  
                   USA  
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181 fwtliylwgg lpyltwtvgf ggvigyhtw lvnsachicg sqawqndts rnvwwlallt
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